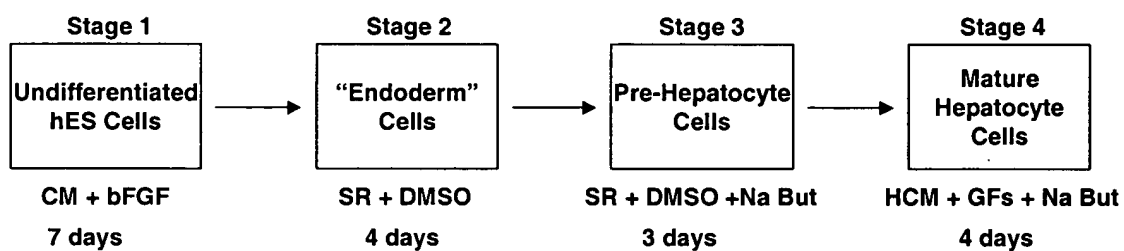
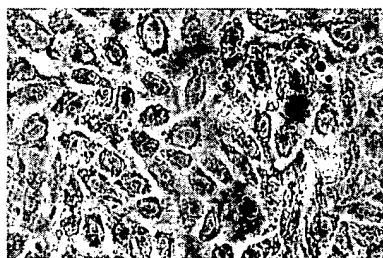


**Figure 1**

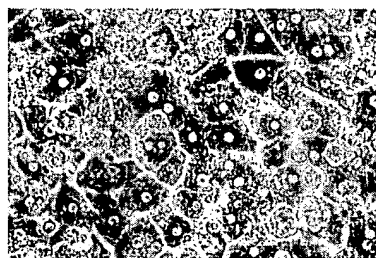
## Staged Butyrate Protocol



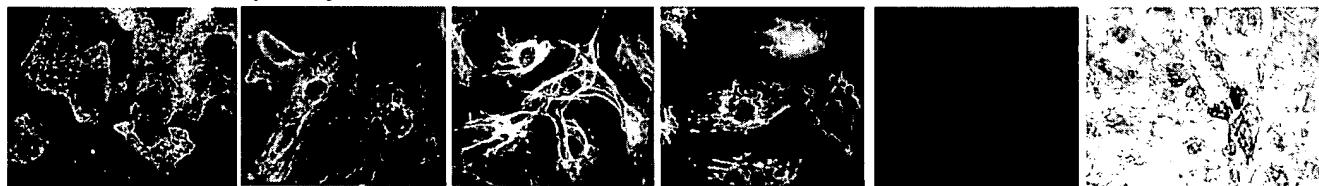
### PSC Derived Hepatocytes



### Adult Hepatocytes



### hESC Derived Hepatocyte-like Cells



### Adult Human Hepatocytes



Albumin

AAT

CK18

CK19

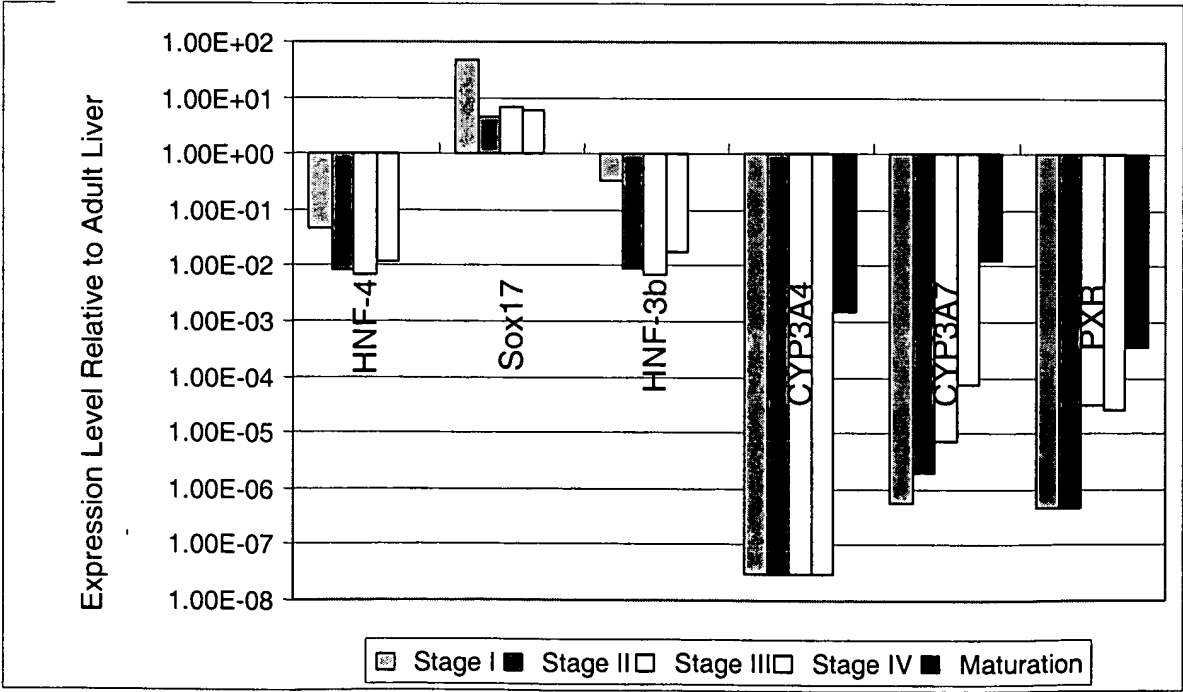
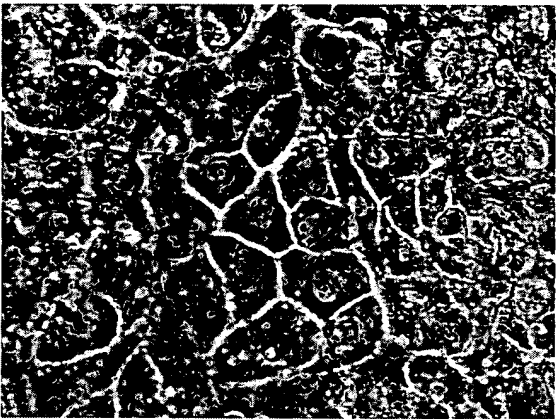
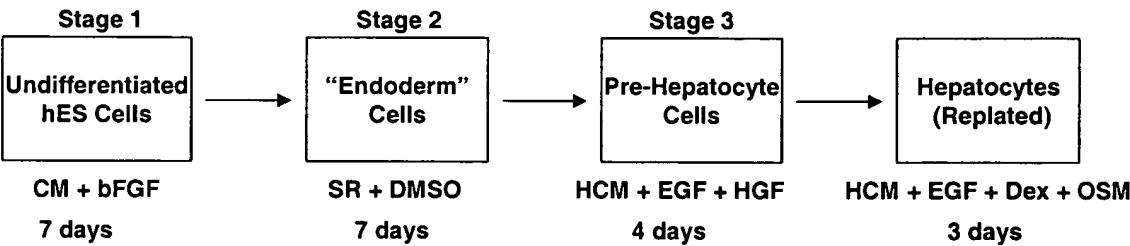
AFP

Glycogen

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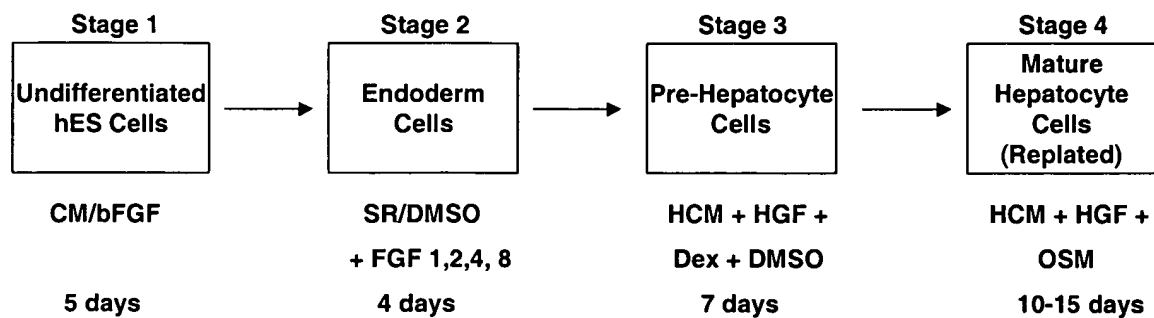
**Figure 2**

**Serum Replacement + DMSO Protocol**

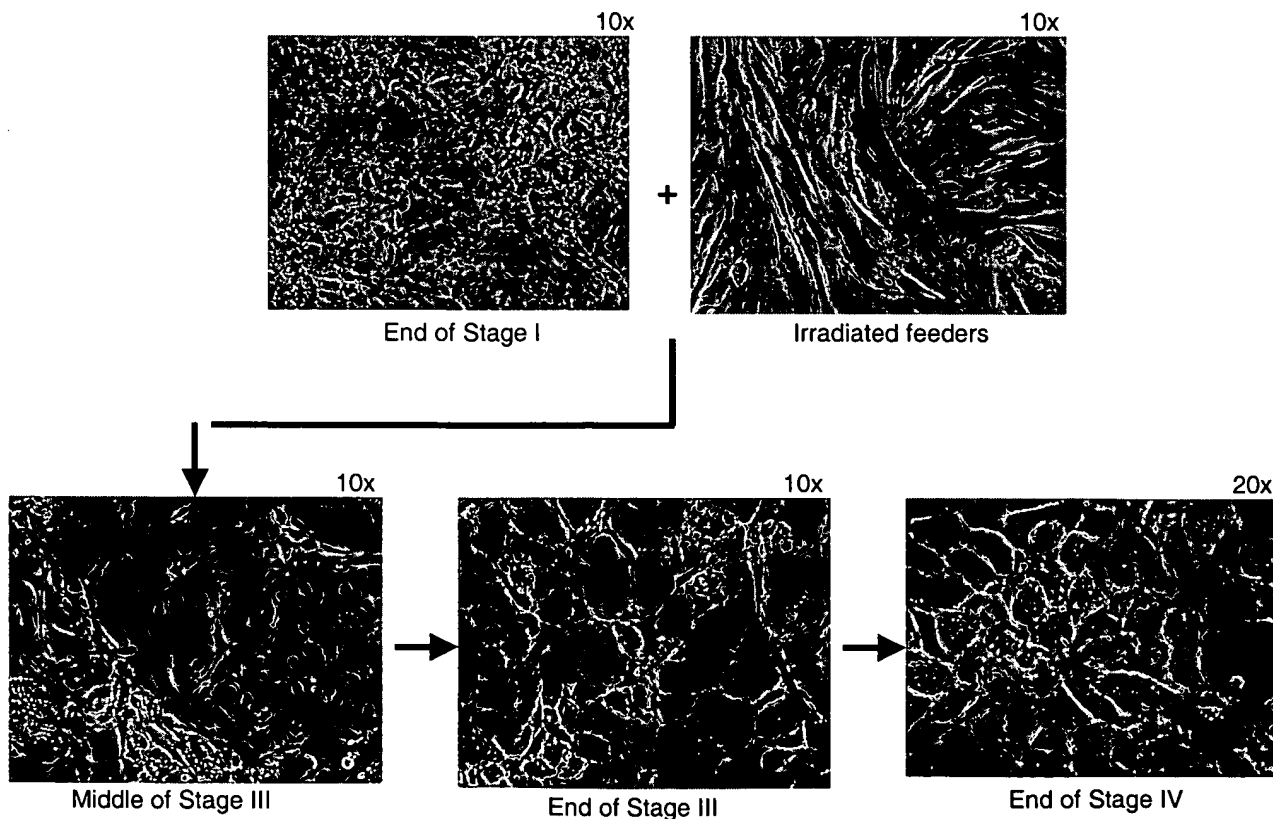
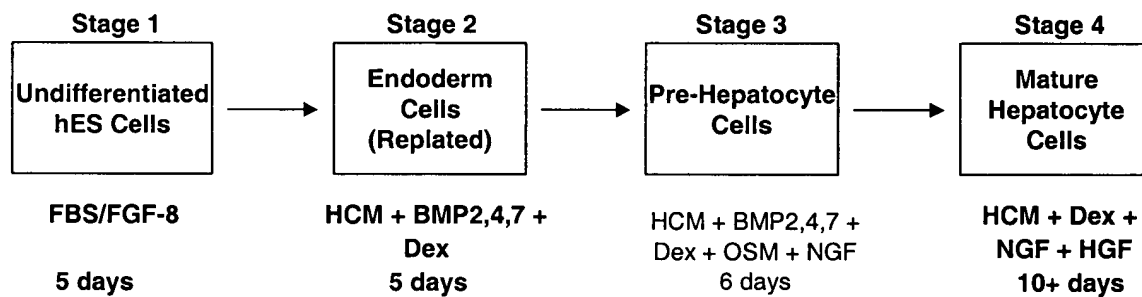


**Figure 3**

### Growth Factor Protocol

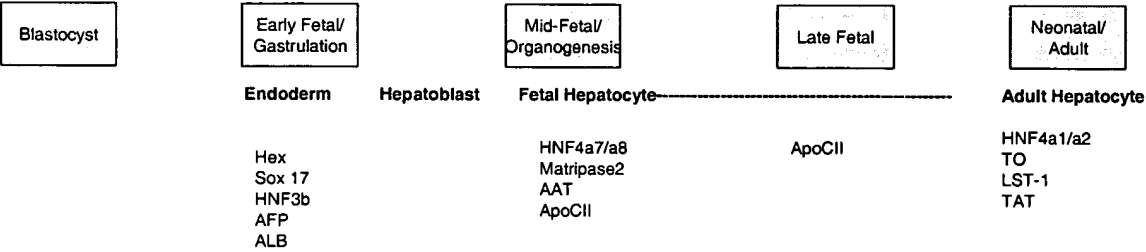
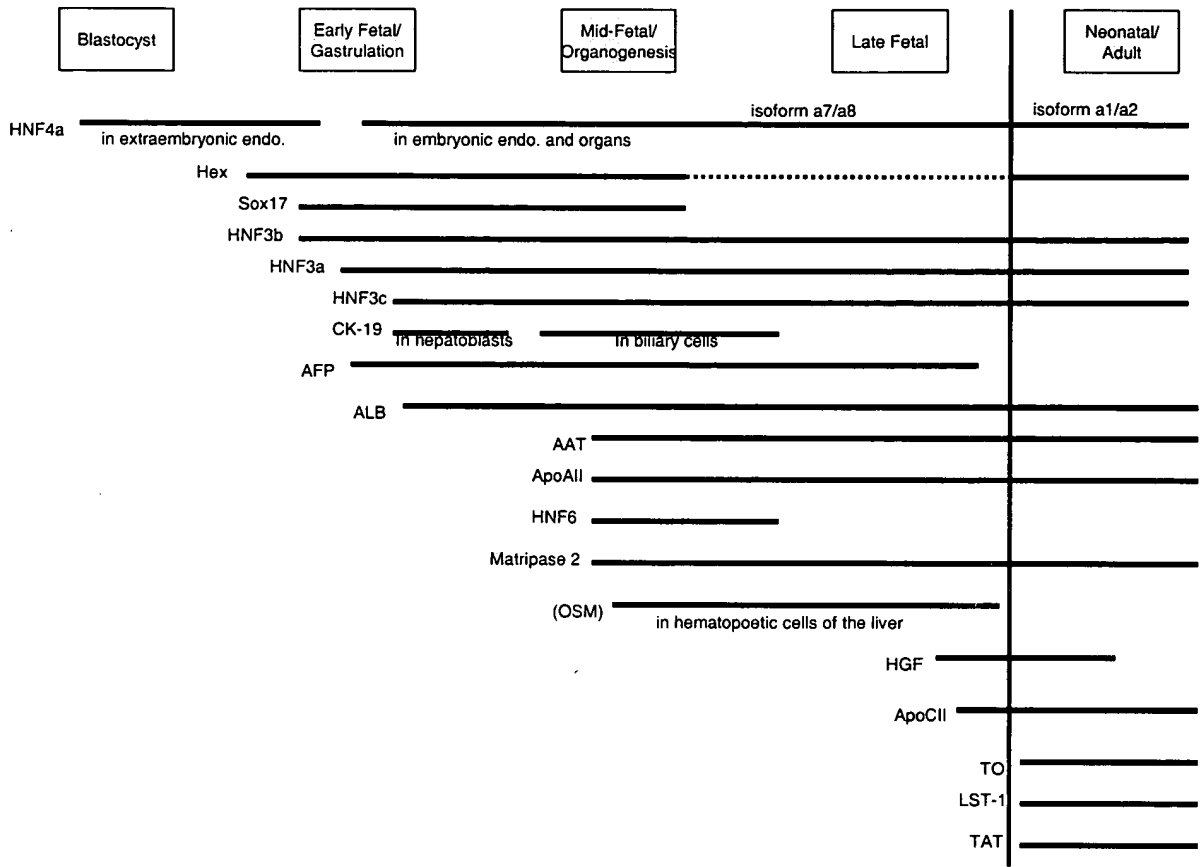


### Endoderm Protocol



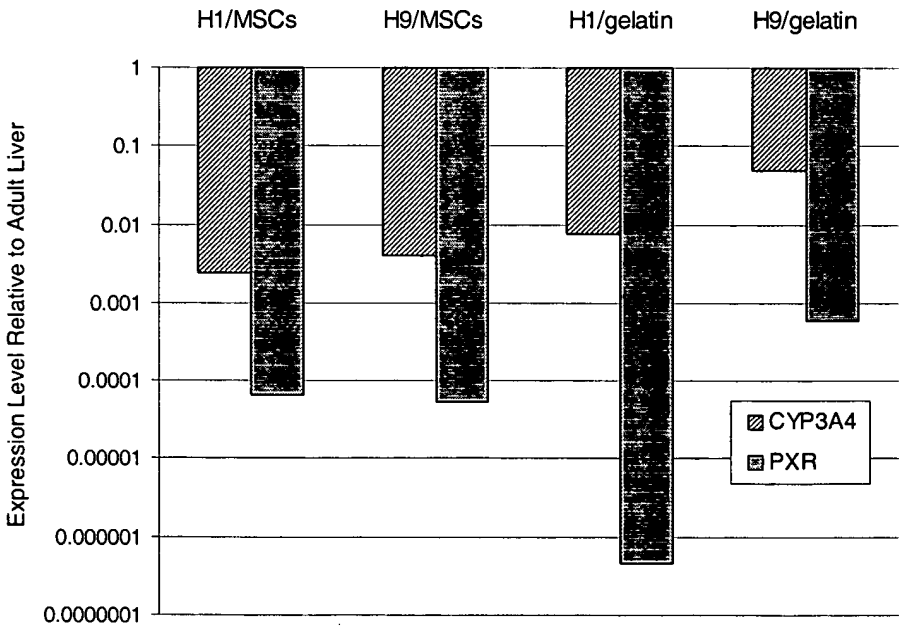
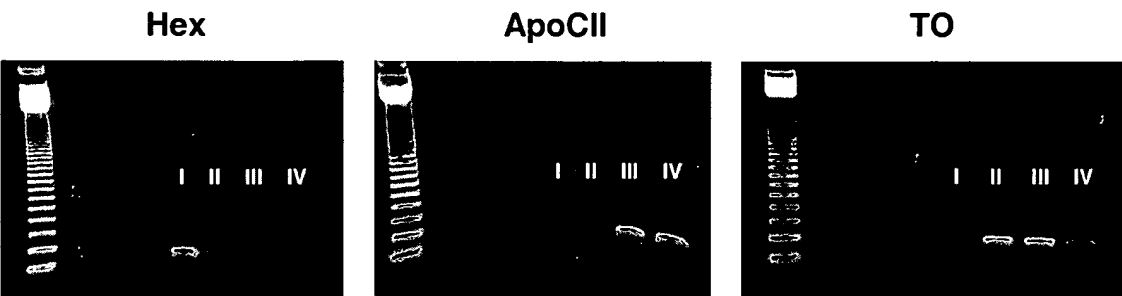
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**Figure 4**



**Figure 5**

**Expression of Liver Markers by RT-PCR**



**Figure 6**

